Amphenol

STANDARD DATA

STANDARD DATA AC SERIES A AND B TYPE CHASSIS

	VALUE	
Number of Contacts	3	5
Contact Arrangment (Front view of pin inserts)		
Termination	Printed Circuit Board (PCB)	
Flammability rating of plastics	UL94V-0	
Environmental	Complies with EU RoHS 2 Directive 2011/65/EU	
Service Voltage RMS	133V ¹⁾ 1500V	
Test Voltage AC RMS		
Current carrying capacity	6A	3A
Typical Contact Resistance	≤5mΩ	
Insulation Resistance (initial)	≥2GΩ	
Insulation Resistance (after damp heat test)	≥1GΩ	
Protection Class	IP40	
Operating Temperature	-25°C to +75°C (-13°F to +167°F)	
Insertion and Withdrawal Force	≥10 - ≤30 14g (0.030lb) ≥20N 1.5Nm	
Weight ²⁾		
Retention Spring separating force		
Mounting Screw torque max.		
Mechanical Operations	1500 mating cycles	
Fastening A Type Connectors ³⁾	Self-Tapping PT screw with thread 2.9 x 1.06 and of Tri-rondular configuration	
Fastening B Type Connectors ³⁾	Self-Tapping screw M2.5	
Connector Flange - B-Type	Diecast Zinc Alloy Nickel	
	PA6.6+25% glass fibre reinforced, UL94V-0	
	Brass 0.05µm gold over 2µm nickel	
	Bronze	
Female Contact Plating	$0.05\mu m$ gold over $2\mu m$ nickel	
-	Spring Steel	
	Spring Steel	
	Contact Arrangment (Front view of pin inserts)FarminationFarminationFlammability rating of plasticsEnvironmentalService Voltage RMSGarvice Voltage RMSCurrent carrying capacityTypical Contact ResistanceInsulation Resistance (initial)Protection ClassOperating TemperatureNedight ²)Retention Spring separating forceMounting Screw torque max.Nechanical OperationsFastening A Type Connectors ³)Fastening B Type Connectors ³)Fastening B Type Connectors ³)Fange Finish - B-TypeInsulatorsMale Contact Material Male Contact PlatingFemale Loutage Contact MaterialMale Contact MaterialMale Contact MaterialSemale Contact MaterialMale Contact Material	Contact Arrangment (Front view of pin inserts)Printed CircuitTerminationPrinted CircuitFlammability rating of plasticsUL9EnvironmentalComplies with EU RoHSService Voltage RMSComplies with EU RoHSService Voltage AC RMSComplies with EU RoHSTest Voltage AC RMSComplies with EU RoHSQuerent carrying capacity6ATypical Contact ResistanceService Voltage AC RMSInsulation Resistance (initial)Service Voltage AC RMSUnsulation Resistance (after damp heat test)Complies with EU RoHSProtection ClassProtection ClassOperating TemperatureService Voltage AC RMSOperating TemperatureService Voltage AC ROMSNeight ²⁰ Service Voltage AC ROMSRetention Spring separating forceSelf-Tapping PT screw with thread 2.9 or Self-Tapping PT screw with thread 2.9 or Self-Tapping PT screw with thread 2.9 or Self-Tapping PT screw with thread 2.9 or Fastening B Type Connectors ²⁰ Connector Flange - B-TypeSelf-Tapping PT screw with thread 2.9 or Self-Tapping PT screw with thread 2.9 or

 $^{\rm 1}\,\rm Not$ suitable for domestic applications above 50V

² Approximate weight only, does not include packaging. Please contact us for exact weight for shipping purposes.

³ Refer to page 132

Rev 11 - 06/2015